



Appliance
Manufacturer:

Appliance Type:

Model Number:

Submitted by:
Date

Approved by:
Date

introduction

< APPLICABLE STANDARDS >

UL 1738 Standard for
Safety Venting Systems for
Gas Burning Appliances,
Categories II, III, and IV



System 1738® PVC Flue Gas Venting (FGV) is a system offering that is third party certified to UL 1738 in accordance with the NPFA 54 and IFGC United States Model Codes. System 1738 PVC pipe and fittings are black in color, certified for Category II and IV venting systems and offer a 10-year limited warranty. Each length of vent pipe is uniquely marked with dual print lines and each length includes a special orange warning label in accordance with UL 1738. Every PVC vent fitting includes a certification label indicating its venting category, the standard it is certified to, and maximum temperature rating. The System 1738 PVC product offering is complete with cements and primers, which are an integral part of the "certified system". Substitutions shall not be made for any component of a System 1738 PVC system; this includes pipe, fittings, terminations, cement and primer. Substitution of a component will void product warranty and UL 1738 system certification. System 1738 venting shall be installed in accordance with the certified System 1738 Installation Methods Guide (available at system1738.com), the appliance manufacturer's installation instructions and the local building code or as permitted by the local regulatory authority. In the event of conflicting installation instructions, the most restrictive requirement shall apply.

Submittal Data Sheet

Pipe and Fittings submitted for approval

	Product Code	Size (inches)	Description
☐	394000	2	PVC - FGV Pipe plain end (10 ft. lengths)
☐	394001	3	
☐	394002	4	
☐	397035	2	PVC - FGV 90° Elbow H x H
☐	397025	3	
☐	397022	2	PVC - FGV Long 90° Elbow H x H
☐	397023	3	
☐	397124	4	
☐	397232	2	PVC - FGV Street 90° Elbow Sp x H
☐	397233	3	
☐	397234	4	
☐	397242	2	PVC - FGV 45° Elbow H x H
☐	397243	3	
☐	397244	4	
☐	397010	2	PVC - FGV 45° Long Elbow H x H
☐	397011	3	
☐	397071	2	PVC - FGV Street 45° Elbow Sp x H
☐	397223	3	
☐	397117	4	
☐	397252	2	PVC - FGV 22.5° Elbow H x H
☐	397253	3	
☐	397254	4	
☐	397082	2	PVC - FGV Tee-Wye H x H x H
☐	397083	3	
☐	397084	4	
☐	397056	2x2x1-1/2	PVC - FGV Reducer Tee-Wye H x H x H
☐	397061	3x3x1-1/2	
☐	397185	3x3x2	
☐	397184	4x4x2	
☐	397352	2	PVC - FGV Coupling H x H
☐	397353	3	
☐	397354	4	

For use with gas fired appliances producing flue gases 149°F or less.

Submittal Data Sheet

Pipe and Fittings submitted for approval

	Product Code	Size (inches)	Description
☐	397364	3x2	PVC - FGV Increaser Coupling H x H
☐	397365	4x2	
☐	397366	4x3	
☐	397282	2x1-1/2	PVC - FGV Reducer Bushing Sp x H
☐	397284	3x2	
☐	397278	1-1/2x1/2	PVC - FGV Reducer Bushing Sp x Hose Barb
☐	397511	2	PVC - FGV Access Tee H x H x FPT (includes 1/2" mpt plug)
☐	397512	3	
☐	397513	4	
☐	397005	2x16	PVC - FGV Concentric Vent Kit
☐	397105	2x28	
☐	397125	2x40	
☐	397006	3x20	
☐	397106	3x32	
☐	397116	3x44	
☐	397021	4x36	PVC - FGV Universal Concentric Vent Kit (UCVK)
☐	397256	3x24	
☐	397984	2	
☐	397985	3	PVC - FGV Low Profile Termination Kit
☐	397986	4	
☐	397063	2	FGV Faceplate - Round (self sealing foam back)
☐	397064	3	
☐	397055	4	
☐	397216	2	FGV Faceplate - Rectangular (black w/self sealing foam back)
☐	397219	3	
☐	196050	2	FGV Termination Vent Screen
☐	196051	3	
☐	196052	4	
☐	196246	1-1/2 to 4	Pipe Deburring Tool (DEB 4)
☐	196247	1-1/2 to 4	Pipe Cutter
☐	397040	1 pint	PVC - FGV Cement (Low VOC, Auburn)
☐	397041	1 quart	
☐	397042	1 pint	PVC - FGV Primer (Low VOC, Fluorescent Yellow)
☐	397043	1 quart	

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About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the world's largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, we have earned a reputation for product innovation, quality, end-user focus and performance.

Markets served by IPEX group products are:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing piping systems
- PE Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVCO, PE, ABS and PEX pipe and fittings

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This literature is published in good faith and is believed to be reliable. However, it does not represent and/or warrant in any manner the information and suggestions contained in this brochure. Data presented is the result of laboratory tests and field experience.

A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.

